FOT290 92728860

Figure 1A. (Prior Art)

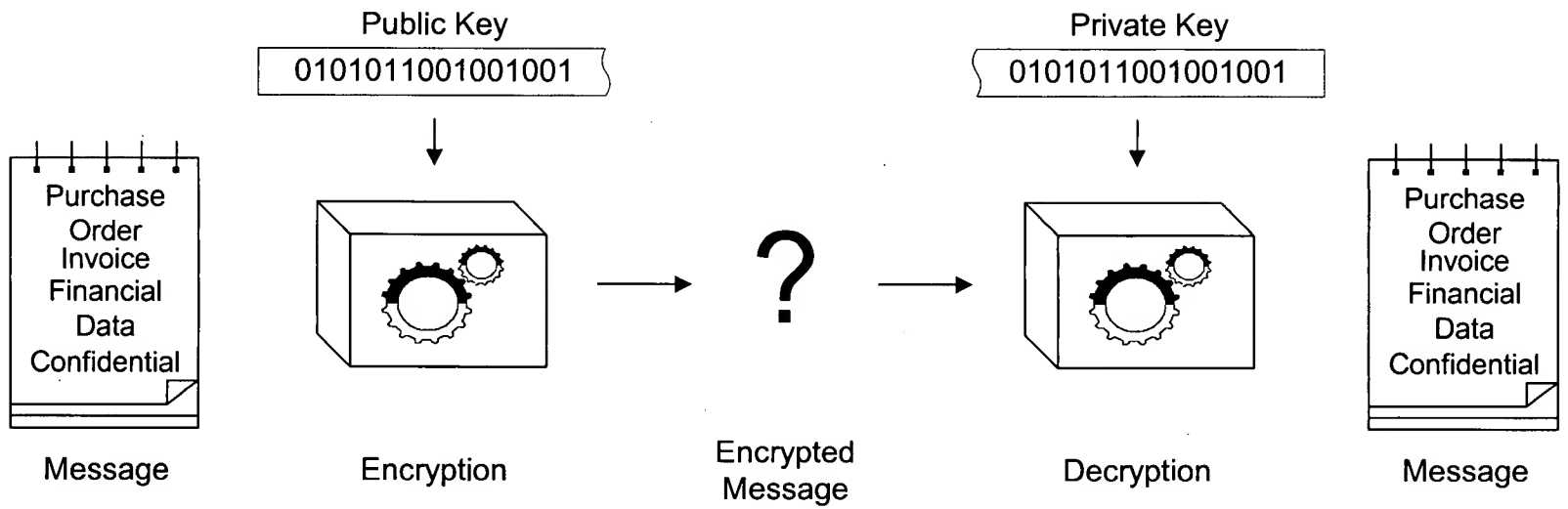

Figure 1B. (Prior Art)

	Recipient's		Sender's	
	Private Key	Public Key	Private Key	Public Key
Sender **Encrypts** with:		X		
Sender **Signs** with:			X	
Recipient **Decrypts** with:	X			
Recipient **Verifies Signature** with:				X

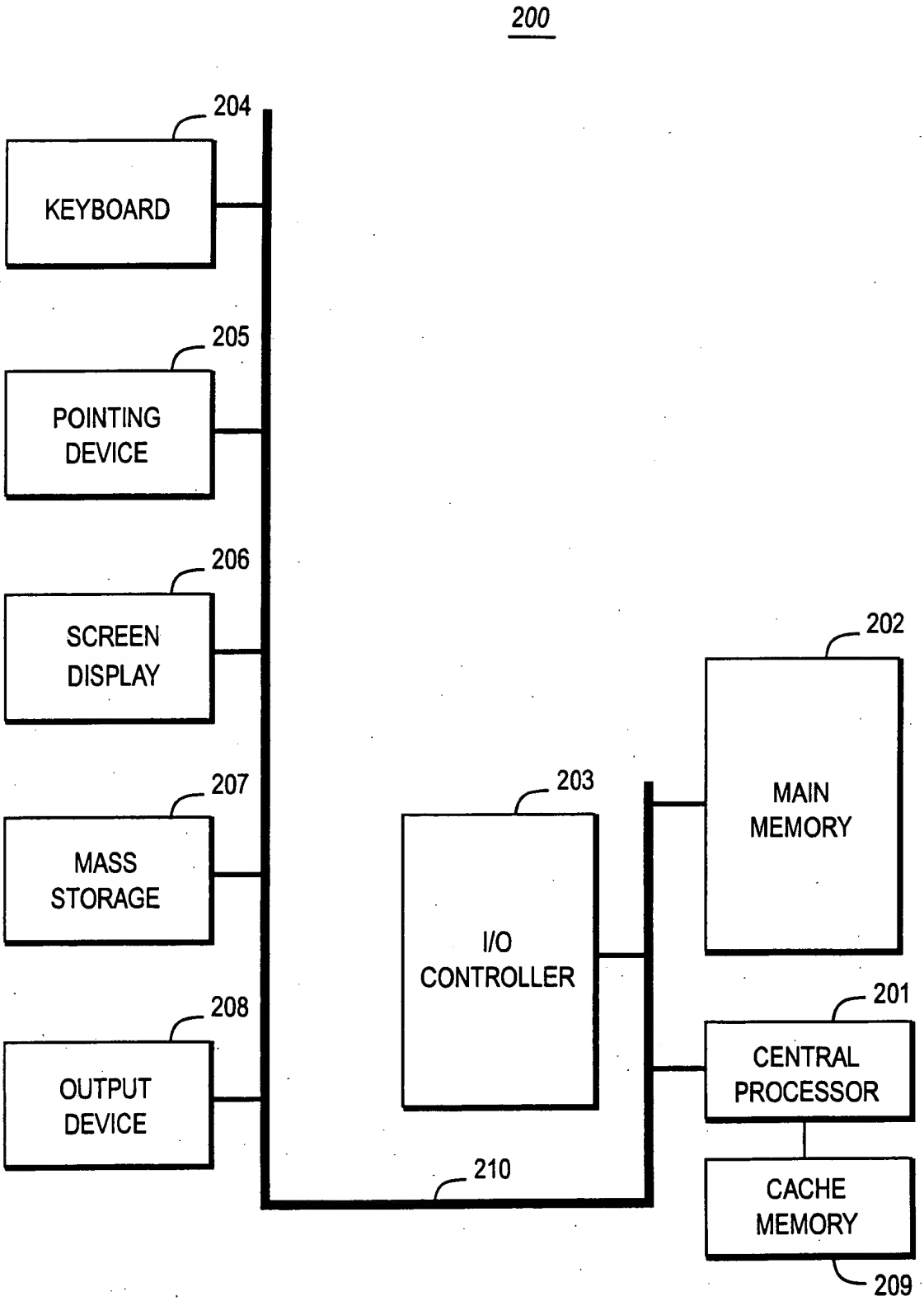
200
204
KEYBOARD
205
POINTING DEVICE
206
SCREEN DISPLAY
207
MASS STORAGE
208
OUTPUT DEVICE
203
I/O CONTROLLER
202
MAIN MEMORY
201
CENTRAL PROCESSOR
CACHE MEMORY
209
210

FIG. 2

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320

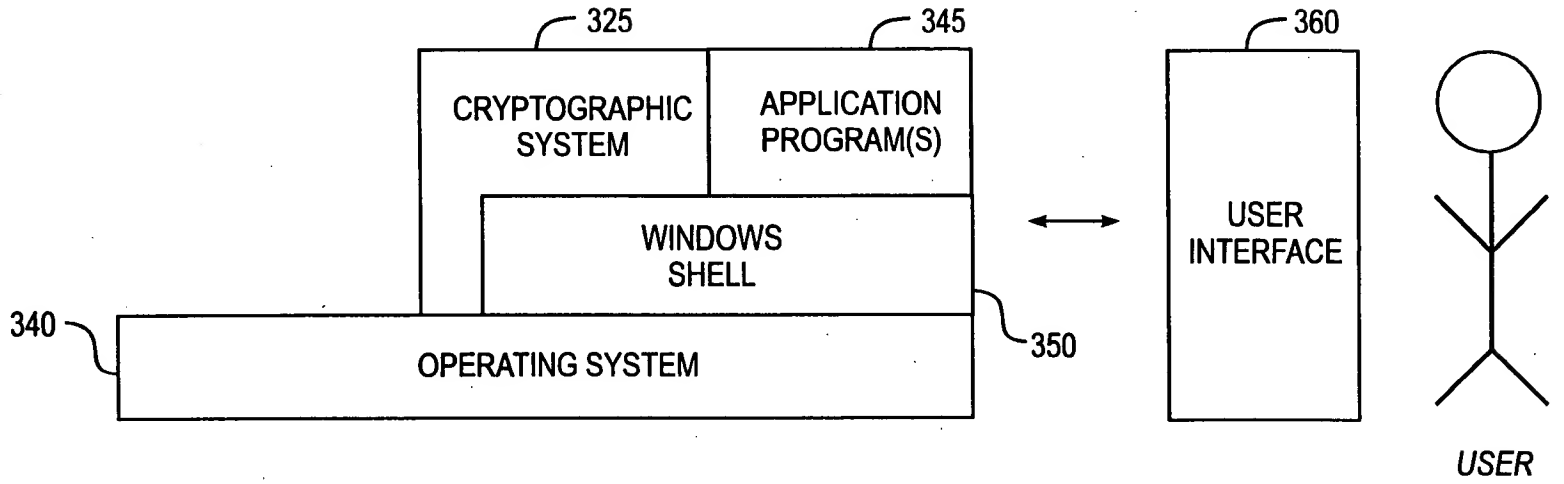
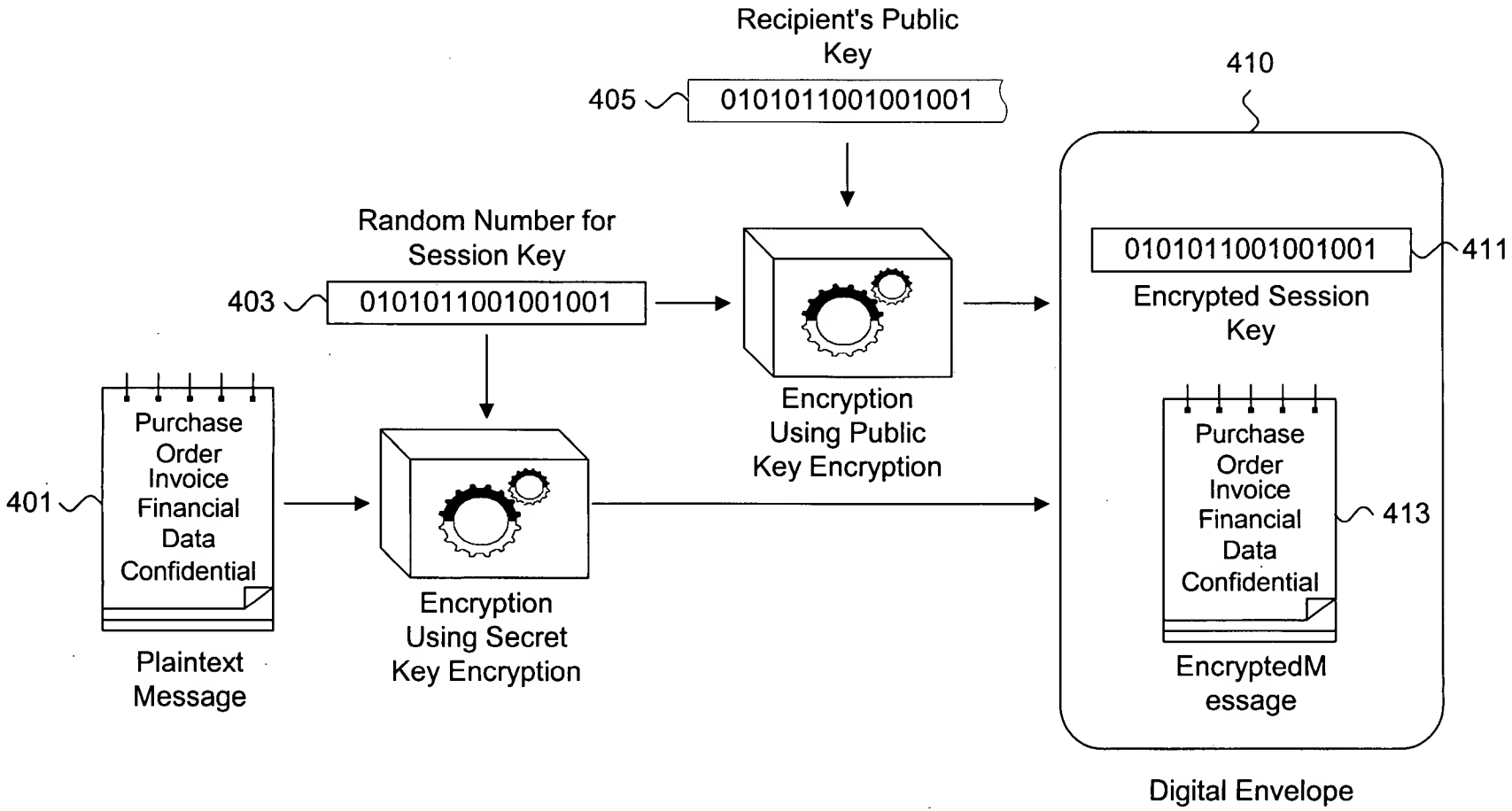


FIG. 3

TOT290 "9227886D

Figure 4.



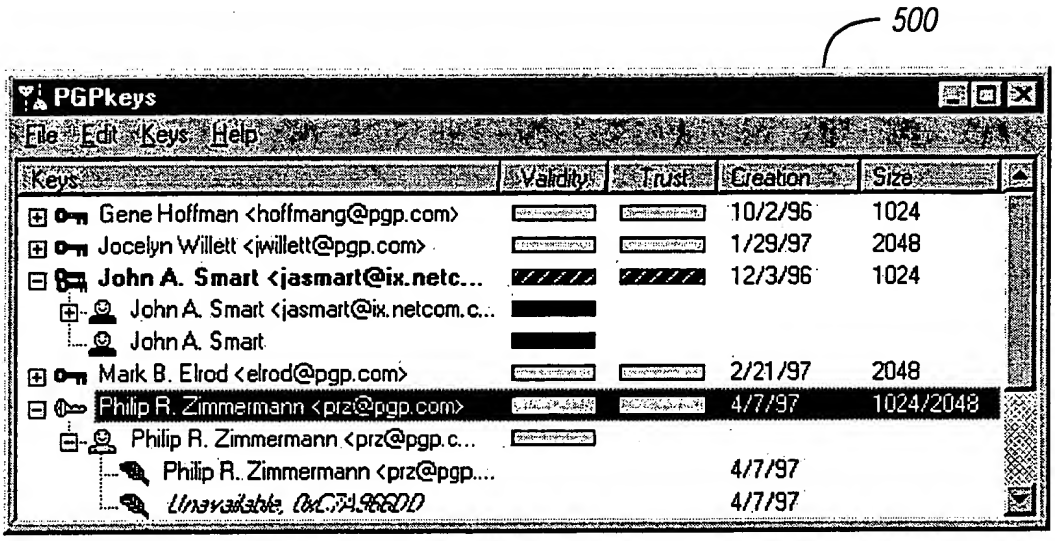


FIG. 5A

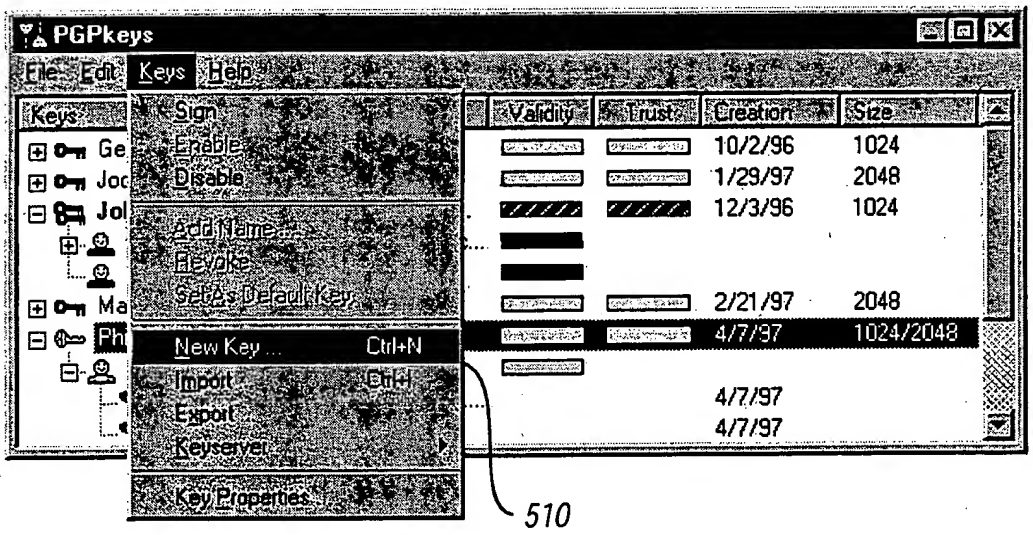


FIG. 5B

Attorney Docket No. 05725.0004

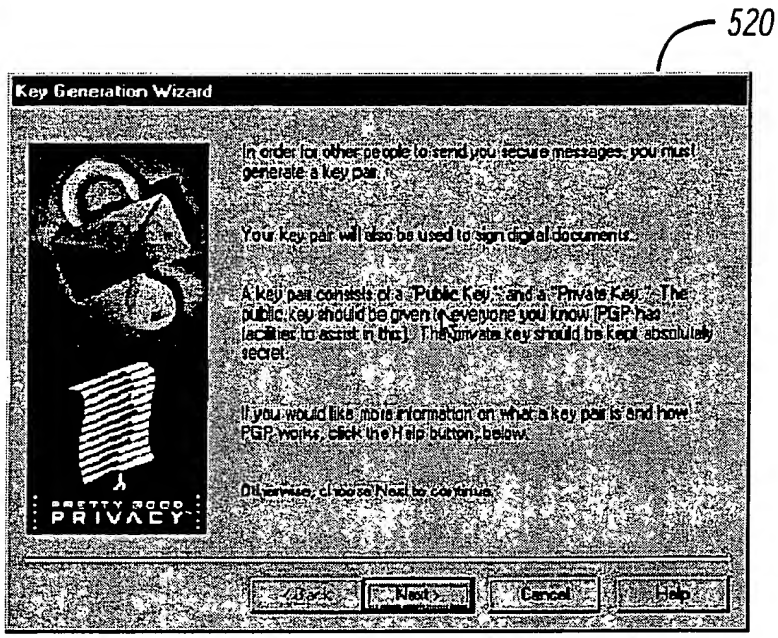


FIG. 5C

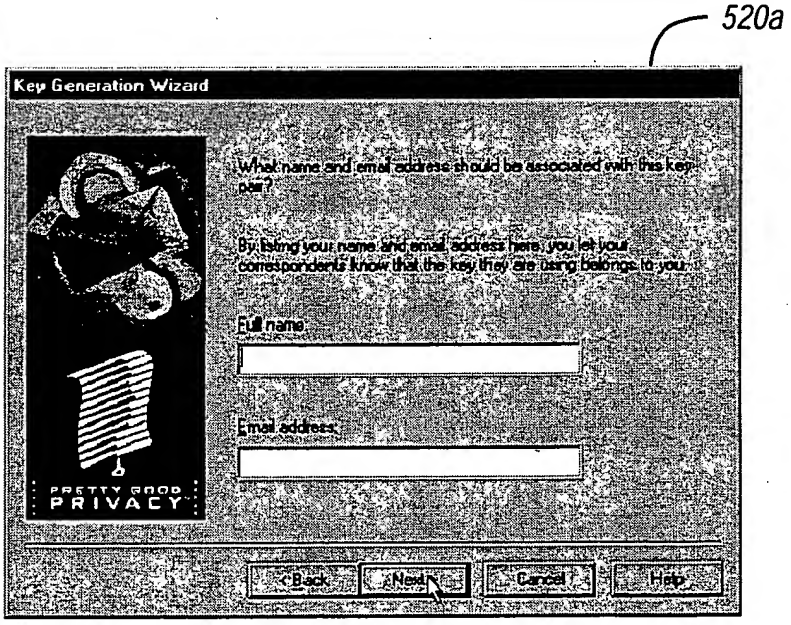


FIG. 5D

EXPRESS MAIL NO. EV 339360960

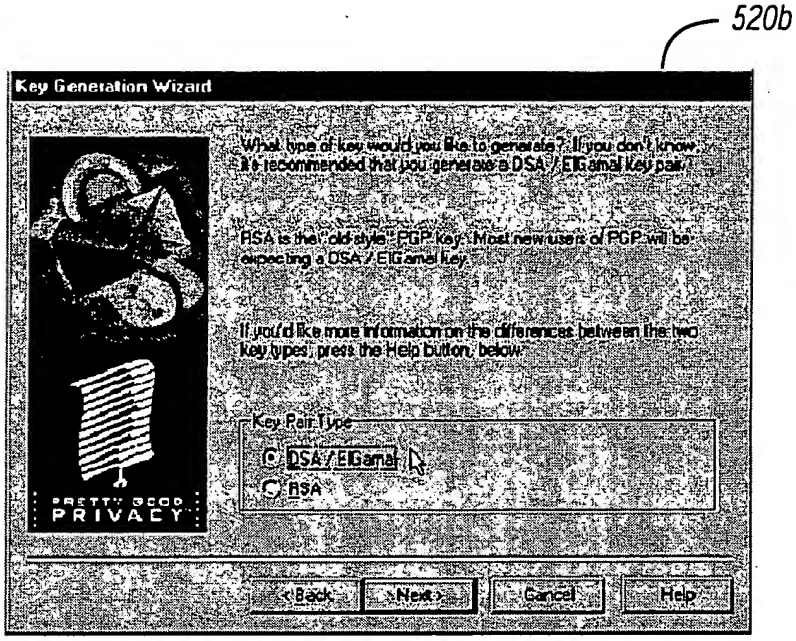


FIG. 5E

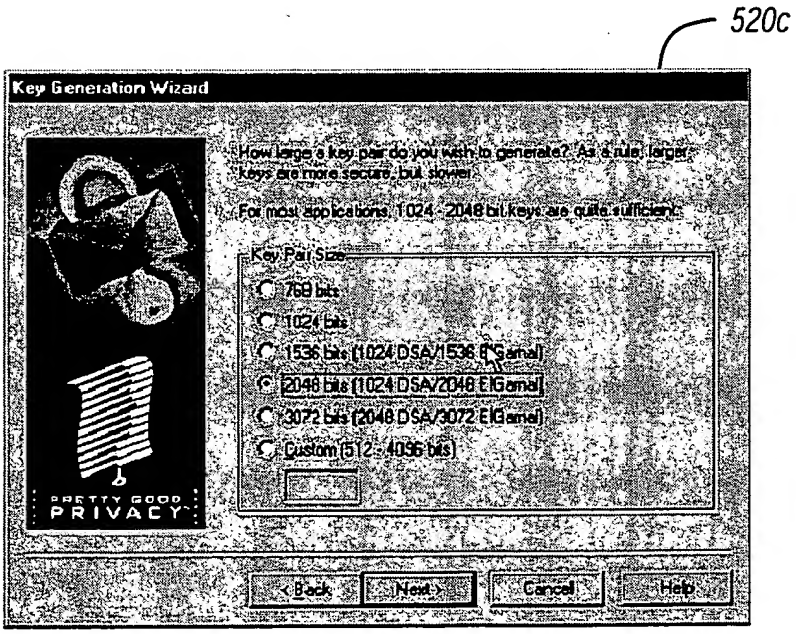


FIG. 5F

1014250 - 5/7/2000

520d

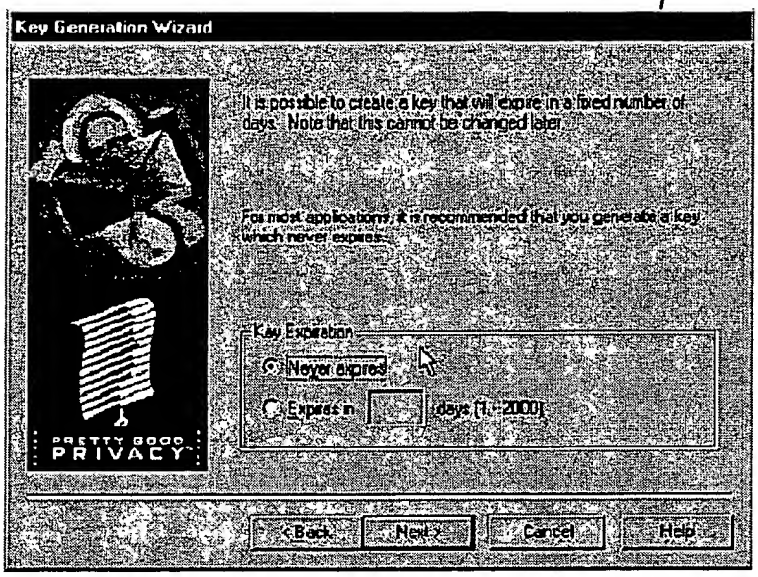


FIG. 5G

520e

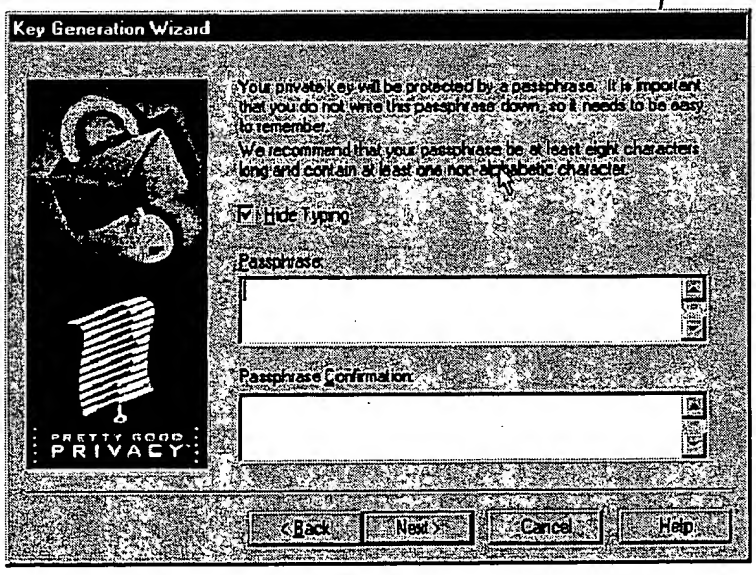


FIG. 5H

EC1650 : 9424680

520f

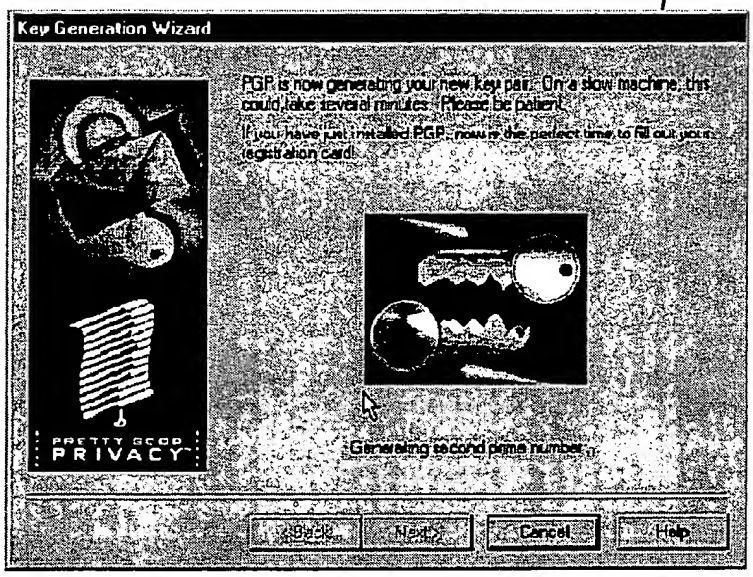


FIG. 5I

520g

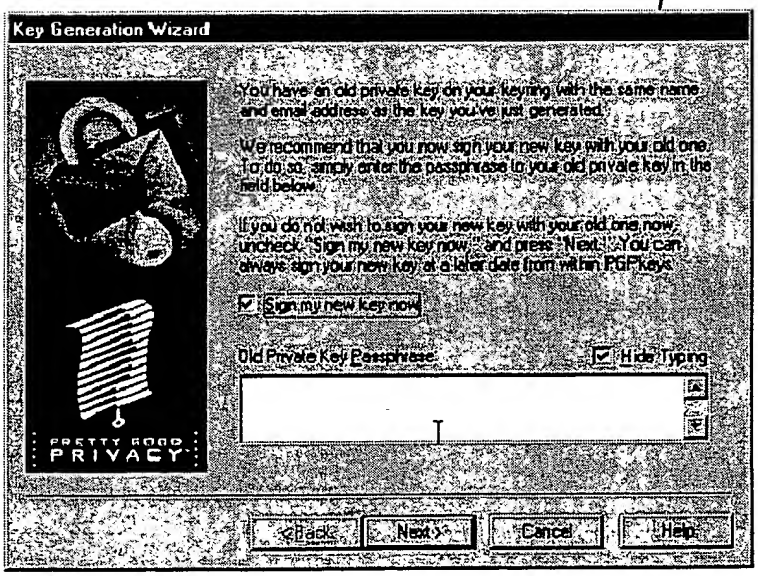


FIG. 5J

EDIS3D: 9/7/2000

520h

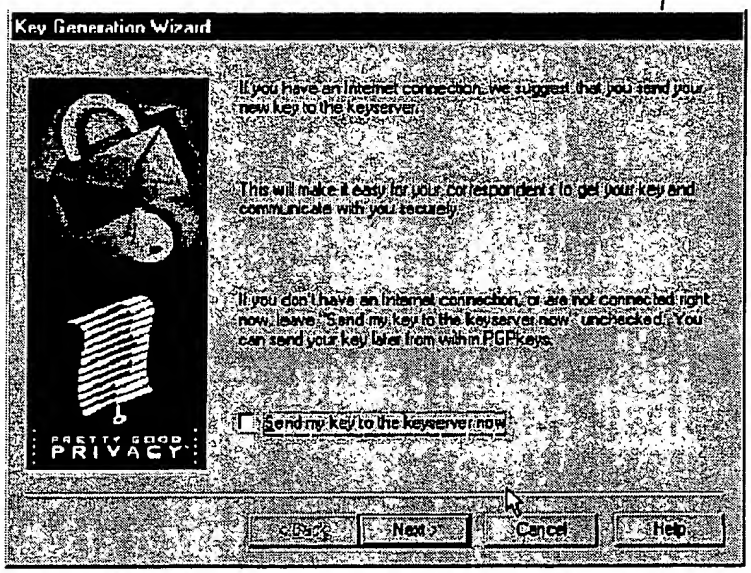


FIG. 5K

520i

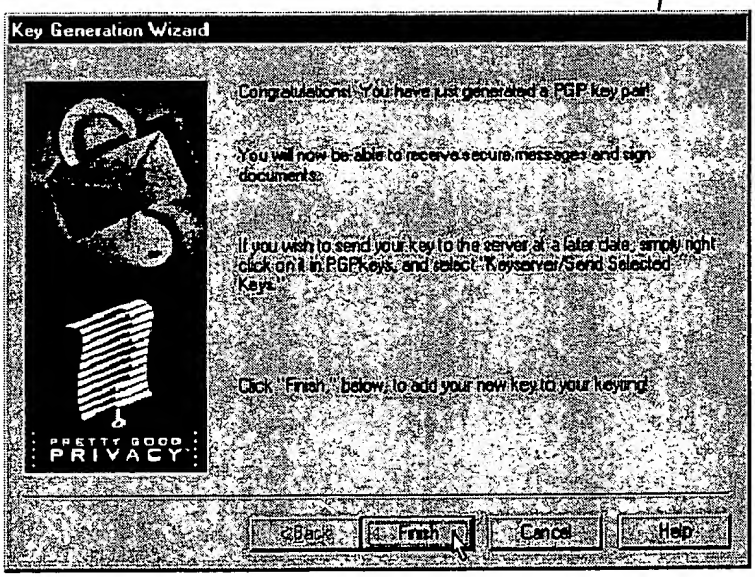


FIG. 5L

"0176290" 5,727,060

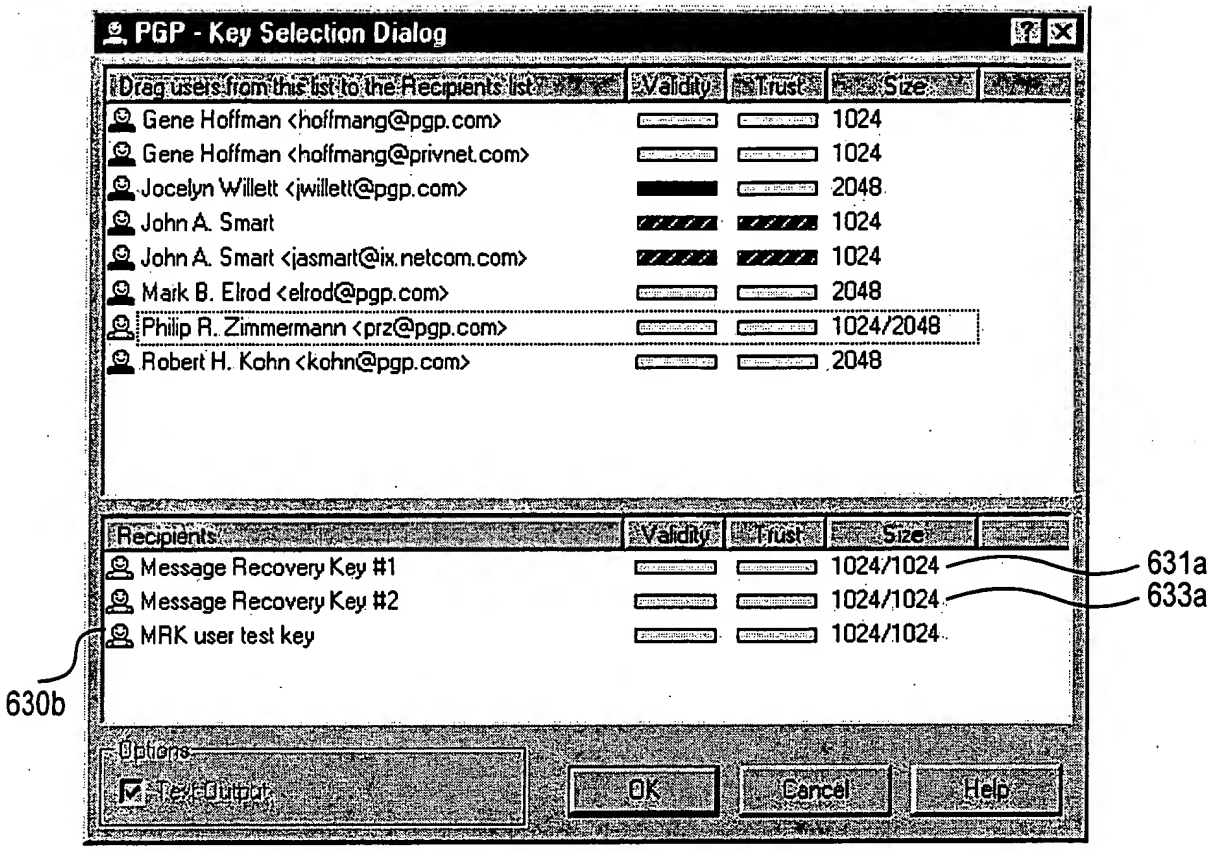


FIG. 6C

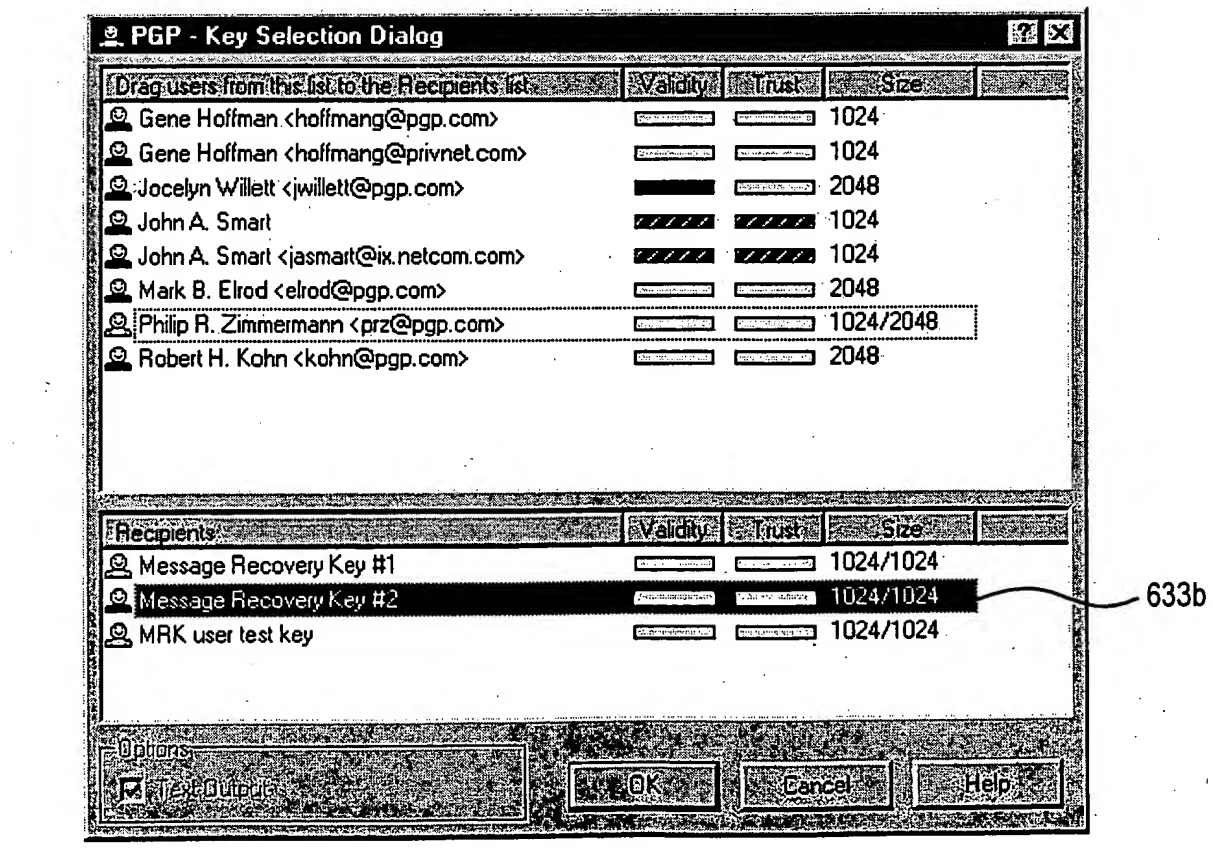


FIG. 6D

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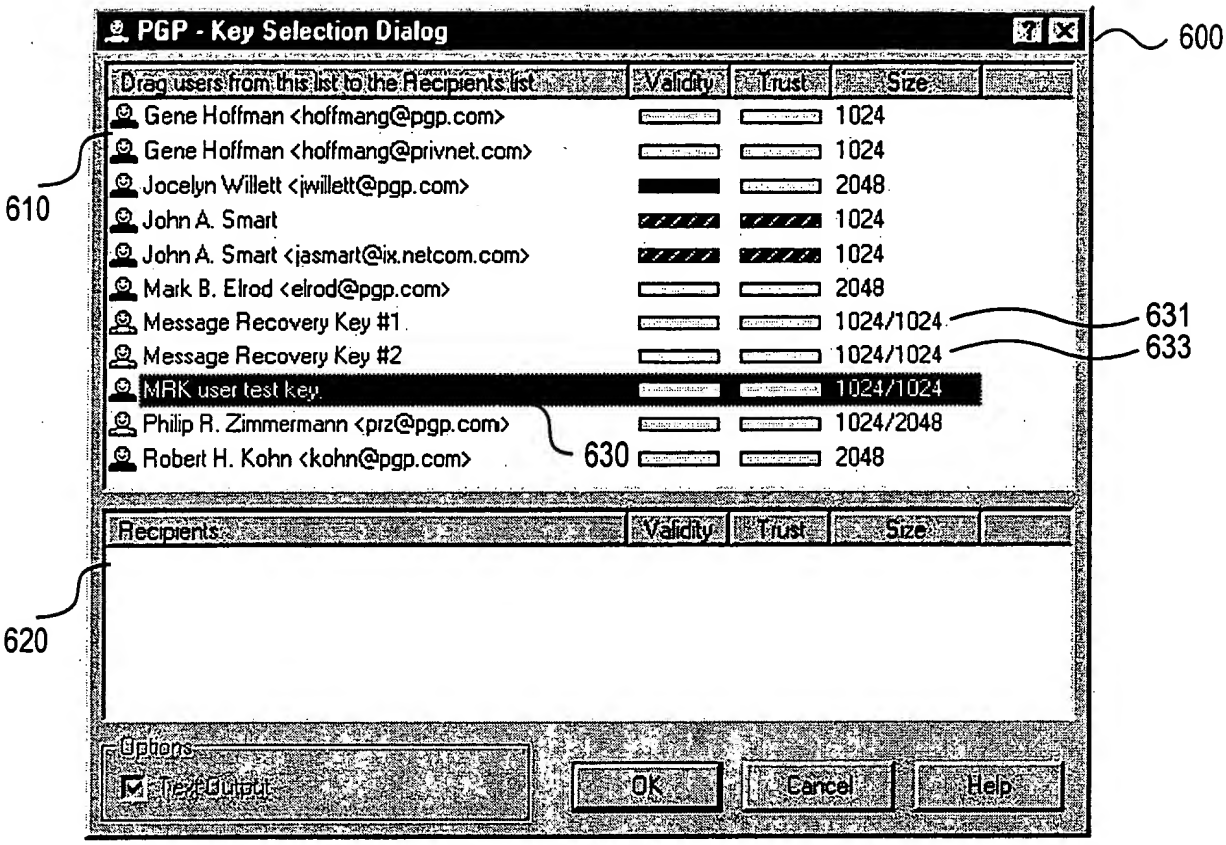

FIG. 6A

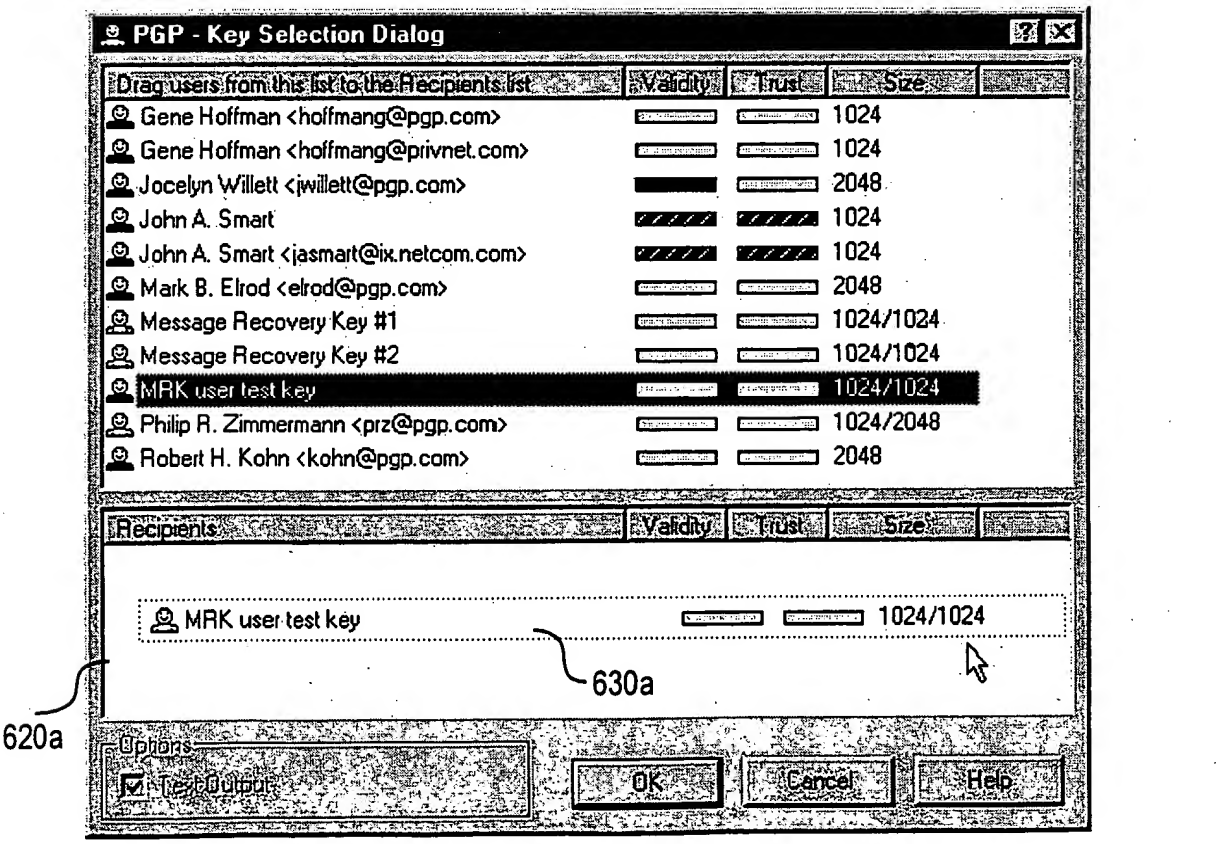

FIG. 6B

10124250 - 960606

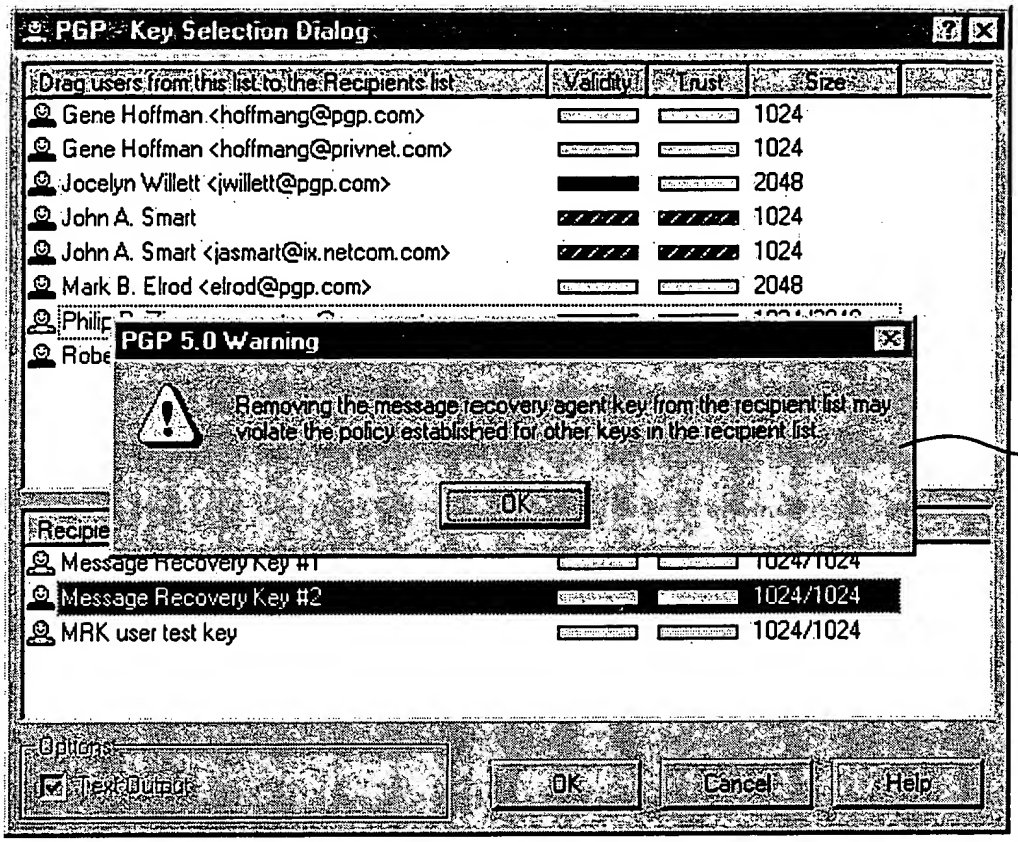

FIG. 6E

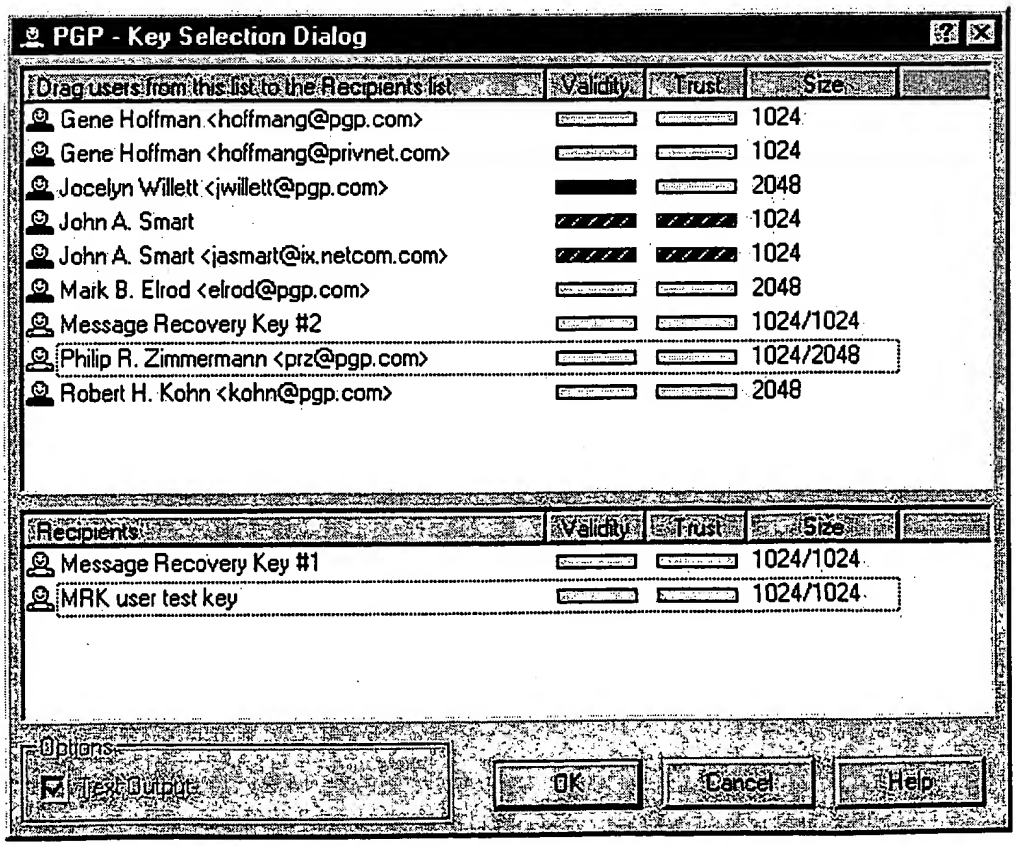

FIG. 6F

10120-9700

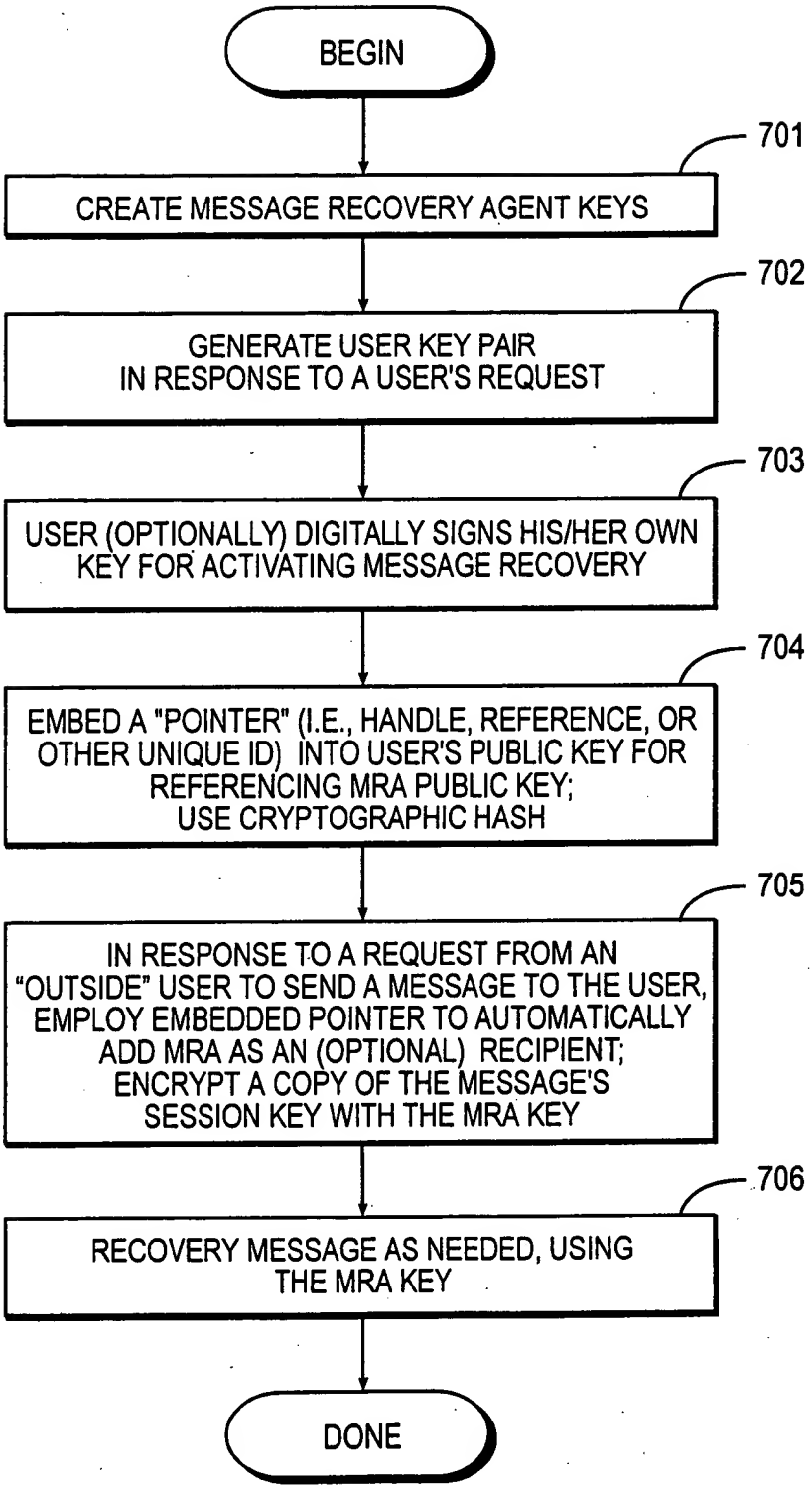
BEGIN
701
CREATE MESSAGE RECOVERY AGENT KEYS
702
GENERATE USER KEY PAIR
IN RESPONSE TO A USER'S REQUEST
703
USER (OPTIONALLY) DIGITALLY SIGNS HIS/HER OWN KEY FOR ACTIVATING MESSAGE RECOVERY
704
EMBED A "POINTER" (I.E., HANDLE, REFERENCE, OR OTHER UNIQUE ID) INTO USER'S PUBLIC KEY FOR REFERENCING MRA PUBLIC KEY; USE CRYPTOGRAPHIC HASH
705
IN RESPONSE TO A REQUEST FROM AN "OUTSIDE" USER TO SEND A MESSAGE TO THE USER, EMPLOY EMBEDDED POINTER TO AUTOMATICALLY ADD MRA AS AN (OPTIONAL) RECIPIENT; ENCRYPT A COPY OF THE MESSAGE'S SESSION KEY WITH THE MRA KEY
706
RECOVERY MESSAGE AS NEEDED, USING THE MRA KEY
DONE

FIG. 7